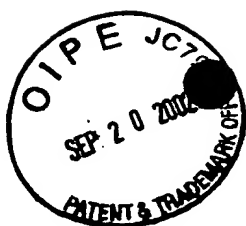




Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. <b>65153/JPW/PT</b>		Serial No. <b>09/918,216</b>	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)						Applicants: <b>Edward J. Ciaccio, et al.</b>			
						Filing Date: <b>July 30, 2001</b>		Group Art Unit: <b>3739</b>	
U.S. PATENT DOCUMENTS									
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate		
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclass	Translation		
							Yes	No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
MB		Spach, MS, et al. "The functional role of structural complexities in the propagation of depolarization in the atrium of the dog", Circulation Research, (1982) 50:175-191.							
		Gardner, PI, et al. "Electrophysiologic and anatomic basis for fractionated electrograms recorded from healed myocardial infarcts", Circulation, (1985) 72:596-611.							
		Pogwizd, S.M., and Corr P.B., "Reentrant and nonreentrant mechanisms contribute to arrhythmogenesis during early myocardial ischemia: results using three-dimensional mapping" Circulation Research, (1987) 61:352-371.							
		Dillon, S.M., et al. "Influences of anisotropic tissue structure on reentrant circuits in the epicardial border zone of subacute canine infarcts", Circulation Research, (1988) 63:182-206.							
MB		Chinushi, M., et al. "Proarrhythmic effects of antiarrhythmic drugs assessed by electrophysiologic study in recurrent sustained ventricular tachycardia", Jpn Circ J, (1991) 55:133-141.							
EXAMINER <i>Michael Brecht</i>		DATE CONSIDERED <i>9-30-01</i>							
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Applicants: Edward J. Ciaccio et al.  
Serial N.: 09/918,216  
Filed: July 30, 2001  
Exhibit A



Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 65153/JPW/PT		Serial No. 09/918,216	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants: Edward J. Ciaccio, et al.			
				Filing Date: July 30, 2001		Group Art Unit: 3739	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
mb		Smith, J.H., et al. "Altered patterns of gap junctional distribution in ischemic heart disease: an immunohistochemical study of human myocardium using laser scanning confocal microscopy", Am J Path, (1991) 139:801-821.					
		Rohr, S., and Salzberg, B.M., "Characterization of impulse propagation at the microscopic level across geometrically defined expansions of excitable tissue: multiple site optical recording transmembrane voltage (MSORTV) in patterned growth heart cell cultures, J Gen Physiol., (1994) 104:287-309.					
		Miller, J.M., et al., "Effect of Subendocardial Resection on Sinus Rhythm Endocardial Electrogram Abnormalities", Circulation, (1995) 91:2385-2391.					
		Stevenson, W.G., et al., "Relation of pace-mapping QRS configuration and conduction delay to ventricular tachycardia reentry circuits in human infarct scars", J Am Coll Cardiol., (1995) 26: 481-488.					
mb		Bogun, F., et al., "Comparison of effective and ineffective target sites that demonstrate concealed entrainment in patients with coronary artery disease undergoing radiofrequency ablation of ventricular tachycardia", Circulation, (1997) 95: 183-190.					
EXAMINER Mark Bickel		DATE CONSIDERED 9-30-01					
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

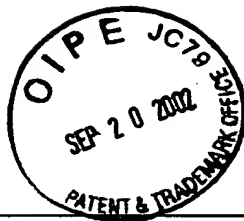




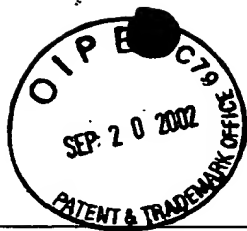
Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. <b>65153/JPW/PT</b>		Serial No. <b>09/918,216</b>	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicants: <b>Edward J. Ciaccio, et al.</b>			
				Filing Date: <b>July 30, 2001</b>		Group Art Unit: <b>3739</b>	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
							RECEIVED SEP 23 2002 TC 3739 MAIL ROOM
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	<div style="text-align: center;">Translation</div> <div style="display: flex; justify-content: space-between;"> <span>Yes</span> <span>No</span> </div>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<b>MB</b>		Ciaccio, E.J., et al., "Dynamic Changes in Electrogram Morphology at Functional Lines of Block in Reentrant Circuits During Ventricular Tachycardia in the Infarcted Canine Heart: A New Method to Localize Reentrant Circuits from electrogram Features Using Adaptive Template Matching", J Cardiovasc Electrophysiol., (199) Vol. 10, pp. 194-213.					
		Ciaccio, E.J., "Localization of the slow conduction zone during reentrant ventricular tachycardia", Circulation, (2000) 102: 464-469.					
		Ciaccio, E.J., et al., "Relationship of Specific Electrogram Characteristics During Sinus Rhythm and Ventricular Pacing Determined by Adaptive Template matching to the Location of Functional Reentrant Circuits that Cause Ventricular Tachycardia in the Infarcted Canine Heart", J Cardiovasc Electrophysiol., (2000) Vol. 11, pp. 446-457.					
		Ellison, K.E., et al., "Catheter ablation for hemodynamically unstable monomorphic ventricular Tachycardia", JCE, (2000) 11:41-44.					
<b>MB</b>		Ciaccio, E.J., et al., "Relationship between Sinus Rhythm Activation and the Reentrant Ventricular Tachycardia Isthmus", Circulation, (2001) 104:613-619.					
EXAMINER <i>Mark Bruch</i>			DATE CONSIDERED <i>9-30-01</i>				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 65153/JPW/PT		Serial No. 09/918,216	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants: Edward J. Ciaccio, et al.			
				Filing Date: July 30, 2001		Group Art Unit: 3739	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
MB		Ciaccio, E.J., "Dynamic relationship of cycle length to reentrant circuit geometry and to the slow conduction zone during ventricular tachycardia", Circulation, (2001) 103:1017-1024.					
		Ciaccio, E.J., et al. "Static Relationship of Cycle Length to Reentrant Circuit Geometry", Circulation, (2001) 104:1946-1951.					
		Soejima, K, et al., "Catheter ablation in patients with multiple and unstable ventricular tachycardias after myocardial infarction: short ablation lines guided by reentry circuit isthmuses and sinus rhythm mapping", Circulation, (2001) 104:664-9.					
		Ciaccio, E.J., "Premature excitation and onset of reentrant ventricular tachycardia", Am J Physiol Heart Circ Physiol, (2002) Vol. 283:H1-H11.					
MB		Scherlag, BJ, et al. "Sustained ventricular tachycardia: common functional properties of different anatomical Substrates", In Zipes DP, Jalife J. eds. Cardiac electrophysiology and arrhythmias. Orlando Fla: Grune and Stratton, (1985) 379-387.					
EXAMINER Mallory		DATE CONSIDERED 9-30-01					
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



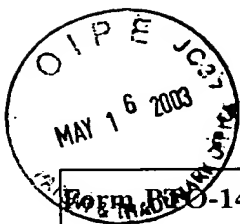
<b>Form PTO-1449</b>		<b>U.S. Department of Commerce Patent and Trademark Office</b>		<b>Atty. Docket No.</b> 65153/JPW/PT		<b>Serial No.</b> 09/918,216		
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				<b>Applicants:</b> Edward J. Ciaccio, et al.				
				<b>Filing Date:</b> July 30, 2001		<b>Group Art Unit:</b> 3739		
<b>U.S. PATENT DOCUMENTS</b>								
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date if Appropriate</b>	
							RECEIVED SEP 23 2002 C 3700 MAIL ROOM	
<b>FOREIGN PATENT DOCUMENTS</b>								
		<b>Document Number</b>	<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>	
							<b>Yes</b>	<b>No</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
MB		Kogan, B.Y., et al. "Excitation wave propagation within narrow pathways: Geometric configurations facilitating unidirectional block and reentry", Physica D, (1992) 59:275-296.						
		Stevenson, W.G., et al. "Identification of reentry circuit sites during catheter mapping and radiofrequency ablation of ventricular tachycardia late after myocardial infarction", Circulation, (1993) 88:1647-1670.						
		Wit, A.L., and Janse, M.J., "Basic mechanisms of arrhythmias", In: Wit AL and Janse MJ, eds. The ventricular arrhythmias of ischemia and infarction", New York, NY: Futura, (1993) 1-160.						
		Blanchard, S.M., et al., "Why is catheter ablation less successful than surgery for treating ventricular tachycardia that results from coronary artery disease?", PACE, (1994) 17:2315-2335.						
MB		Cabo, C., et al., "Wave-front curvature as a cause of slow conduction and block in isolated cardiac Muscle", Circulation Research, (1994) 75:1014-1028.						
<b>EXAMINER</b> M. B. Buhl		<b>DATE CONSIDERED</b> 9-30-01						
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



<b>Form PTO-1449</b>		<b>U.S. Department of Commerce Patent and Trademark Office</b>		<b>Atty. Docket No.</b> 65153/JPW/PT		<b>Serial No.</b> 09/918,216			
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				<b>Applicants:</b> Edward J. Ciaccio, et al.					
				<b>Filing Date:</b> July 30, 2001		<b>Group Art Unit:</b> 3739			
<b>U.S. PATENT DOCUMENTS</b>									
<b>Examiner Initial</b>		<b>Document Number</b>		<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	<b>Filing Date if Appropriate</b>	
<b>FOREIGN PATENT DOCUMENTS</b>								<b>RECEIVED SEP 28 2002 PATENT &amp; TRADEMARK OFFICE</b>	
		<b>Document Number</b>		<b>Date</b>	<b>Country</b>	<b>Class</b>	<b>Subclass</b>	<b>Translation</b>	
								<b>Yes</b>	<b>No</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
MB		Aizawa, Y., et al., "Catheter ablation of ventricular tachycardia with radiofrequency currents, with special reference to the termination and minor morphologic change of reinduced ventricular tachycardia", AM J Cardiol., (1995) 76:574-579.							
		Downar, E., et al., "Endocardial mapping of ventricular tachycardia in the intact human ventricle. III. Evidence of multiuse reentry with spontaneous and induced block in portions of the reentrant path complex", JACC, (1995) 25:1591-1600.							
		El-Sherif, N., "The figure-8 model of reentrant excitation in the canine postinfarction Heart", In Zipes DP, Jalife J, eds: Cardiac Electrophysiology: From Cell to Bedside, WB, Saunders, Philadelphia, (1995) 363-378.							
		Russ, J.C., "The Image Processing Handbook", Boca Raton, FL: CRC Press, (1995) 456-462.							
MB		Sato, M., et al., "The efficacy of radiofrequency catheter ablation for the treatment of ventricular tachycardia associated with cardiomyopathy", Jpn Circ J., (1997) 61:55-63.							
<b>EXAMINER</b> Muel Buehl		<b>DATE CONSIDERED</b> 9-30-01							
<b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									



[illegible]



Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 65153/JPW/PT		Serial No. 09/918,216							
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants: Edward J. Ciaccio, et al.									
				Filing Date: July 30, 2001		Group Art Unit:							
U.S. PATENT DOCUMENTS													
Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate	
mb	6	2	3	6	8	8	3	5-22-01	Ciaccio et al.				
FOREIGN PATENT DOCUMENTS													
	Document Number							Date	Country	Class	Subclass	Translation	
												Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
EXAMINER Mark Buchholz		DATE CONSIDERED 9-30-03											
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

Applicants: Edward J. Ciaccio et al.  
Serial No.: 09/918,216  
Filed: July 30, 2001  
Exhibit A